



### United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

## NOTICE OF ALLOWANCE AND FEE(S) DUE

21005

7590

03/20/2006

HAMILTON, BROOK, SMITH & REYNOLDS, P.C. 530 VIRGINIA ROAD P.O. BOX 9133 CONCORD, MA 01742-9133

EXAMINER

HAROLD, JEFFEREY F

ART UNIT PAPER NUMBER

2646

DATE MAILED: 03/20/2006

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/696,730	10/25/2000	Oguz Tanrikulu	2376.2001-000	3000

TITLE OF INVENTION: METHOD AND APPARATUS FOR PERFORMING HIGH-DENSITY DTMF, MF-RI, MF-R2 DETECTION

APPLN. TYPE	SMALL ENTITY ISSUE FEE		PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$0	\$1400	06/20/2006

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

### PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450 or Fax (571)-273-2885

INSTRUCTIONS: This for appropriate. All further con indicated unless corrected to maintenance fee notification	below or directed otherwise	Patent, advance ordin Block 1, by (a)	E FEE and PUE ders and notificat ) specifying a ne	w correspondence address;	vill be mailed to the current and/or (b) indicating a sep	arate "FEE ADDRESS" for
CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)				Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.		
21005 759	90 03/20/2006				_	
530 VIRGINIA RO P.O. BOX 9133		EYNOLDS, P.	.C.	I hereby certify that the States Postal Service vaddressed to the Mai transmitted to the USP	tificate of Mailing or Trans is Fee(s) Transmittal is bein with sufficient postage for fir I Stop ISSUE FEE address TO (571) 273-2885, on the c	g deposited with the United st class mail in an envelope above, or being facsimile late indicated below.
CONCORD, MA 0	1/42-9133					(Depositor's name)
				<u> </u>		(Signature)
						(Date)
APPLICATION NO.	FILING DATE	Ī	FIRST NAMED INVENTOR		ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/696,730	10/25/2000		Oguz Tanrik	culu	2376.2001-000	3000
FITLE OF INVENTION: M	ETHOD AND APPARATU	IS FOR PERFORM	IING HIGH-DEN	NSITY DTMF, MF-RI, MI	P-R2 DETECTION	
APPLN. TYPE	SMALL ENTITY	ISSUE FE	TEE PUBLICATION FEE		TOTAL FEE(S) DUE	DATE DUE
nonprovisional	МО	\$1400	1	\$0	\$1400	06/20/2006
EXAM	INER	ART UNI	ART UNIT CLASS-SUBCLASS			
HAROLD, J	EFFEREY F	2646		379-350000		
<ul> <li>Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).</li> <li>Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.</li> <li>"Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.</li> </ul>			(1) the names or agents OR, (2) the name or registered atto 2 registered pa	on the patent front page, li of up to 3 registered pater alternatively, of a single firm (having as a rney or agent) and the nam atent attorneys or agents. If e will be printed.	nt attorneys 1a member a 2a tes of up to	
PLEASE NOTE: Unless recordation as set forth in (A) NAME OF ASSIGNI	EE	elow, no assignee of this form is NOT	data will appear of a substitute for f	on the patent. If an assign filing an assignment. E: (CITY and STATE OR C	·	_
Please check the appropriate	assignee category or catego	ries (will not be pri	inted on the paten	nt):	orporation or other private gr	oup entity  Government
4a. The following fee(s) are enclosed:  Issue Fee Publication Fee (No small entity discount permitted) Advance Order - # of Copies			Payment by o	ne amount of the fee(s) is encredit card. Form PTO-2038 is hereby authorized by cha	I is attached.  rge the required fee(s), or cre	edit any overpayment, to ra copy of this form).
_ ` `	(from status indicated above	•				
	MALL ENTITY status. See				LL ENTITY status. See 37 C	
NOTE: The Issue Fee and Pinterest as shown by the reco	is requested to apply the Issi ublication Fee (if required) vords of the United States Pat	will not be accepted ent and Trademark	from anyone oth Office.	or to re-apply any previously are than the applicant; a reg	y paid issue fee to the applic istered attorney or agent; or t	he assignee or other party in
Authorized Signature			Date			
Typed or printed name			Registration No.			
This collection of information application. Confidential	on is required by 37 CFR 1.3	11. The information	n is required to ol	btain or retain a benefit by i	the public which is to file (an minutes to complete, includi	d by the USPTO to process)

an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Debather 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



## United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/696,730	10/25/2000	Oguz Tanrikulu	2376.2001-000	3000	
21005 759	90 03/20/2006		EXAM	INER	
HAMILTON, BROOK, SMITH & REYNOLDS, P.C. 530 VIRGINIA ROAD P.O. BOX 9133 CONCORD, MA 01742-9133			HAROLD, JEFFEREY F		
			ART UNIT	PAPER NUMBER	
			2646 DATE MAILED: 03/20/2006		

# Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 476 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 476 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.